CONTENTS

Number 1

J. M. Person, J. Frottier, Y. le Garrec, F. Barrat, R. Bastin and Ch. Pilet — 1 Exploration of the cellular mediated immunity by the blastogenesis test during chronic brucellosis in human

F. Petitjean, J. G. Guillet, B. Vray, A. D. Strosberg and J. Hoebeke — 9 Partial characterization of a *Legionella pneumophila* serogroup 1 immunodominant antigenic determinant recognized by a monoclonal antibody. *Legionella* specific antigenic determinant

L. O. Wosu — 25 Optimal parameters for *in vitro* growth of parvoviruses

K. A. Onyia — 33 *In vivo* chemotaxis of rat leucocytes to *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine (FMLP)

G. Castrucci, F. Frigeri, M. Ferrari, S. Ranucci, V. Aldrovandi, V. Cilli, L. Rampichini and R. Gatti — 41 Experimental infection of calves with strains of *Bovid herpesvirus*-4

I. Kakoma, R. M. Mwendapole, M. Bulsara, S. Mabenga, C. S. Syabula and F. K. Wurapa — 51 Profiles of heterophile antibody to various mammalian erythrocytes in rural populations of Zambia

E. Thiry, J. Saliki, M. Bublot and P.-P. Pastoret — 59 Reactivation of infectious bovine rhinotracheitis virus by transport

M. Lipkind, B. Rivetz and E. Shihmanter — 65 The first isolation of Newcastle disease virus (NDV) from free-flying birds in Israel: comparative studies on NDV strain isolated from migrating starlings (*Sturnus vulgaris*) wintering in Israel

M. Amadori, M. Bugnetti and D. Tironi — 71 Induction and characterization of swine β interferon

Number 2

James G. Bender, Dennis E. Van Epps and Carleton C. Stewart — 79 Regulation of myelopoiesis

Josef Sellei — 93 Interaction of bovine immunoglobulins with complement

Gursharan S. Chhatwal and Hans Blobel — 99 Heterogeneity of fibronectin reactivity among streptococci as revealed by binding of fibronectin fragments

B. A. Salih, A. G. Ostle and R. F. Rosenbusch — 109 Vaccination of cattle with *Mycoplasma bovoculi* antigens: evidence for field immunity

M. Truszczyński and J. Osek — 117 Occurrence of mannose resistant hemagglutinins in *Escherichia coli* strains isolated from porcine colibacillosis

C. Salomoni, M. Fiorentino, D. L. Palenzona, E. Di Maio and G. De Benedictis — 125 Modification of muscle proteins IEF patterns in a fish *Lebistes reticulatus*, related to diet, immunization and genetic selection

M. Lipkind, Y. Weisman and Esther Shihmanter — 133 The isolation of influenza virus from chickens in Israel and studies on its antigenic relationships with other native isolates of the same antigenicity by means of monoclonal antibodies

Soufiane Djilali and André-Laurent Parodi — 141 T and B peripheral blood lymphocytes in normal and lymphocytotic sheep

L. Leon-Vizcaino, M. Hermoso de Mendoza and F. Garrido — 149 Incidence of abortions caused by leptospirosis in sheep and goats in Spain

S. W. Wanyangu, M. F. Palmer, Wendy J. Zochowski and Sheena A. Waitkins — 155 Comparison of the DIFCO and PATOC 1 slide antigens in the screening of leptospirosis

I Announcement

i New Patents Section

Number 3/4

Chike Onyekaba, Lance Bueon, Pin King, Jerome Fahrmann and Sagar M. Goyal — 163 Susceptibility of various cell culture systems to pseudorabies virus

Sagar M. Goyal, Han Soo Joo, Jacquelynn R. Mourning, Scott W. McPherson and Krishna Goyal — 167 Comparison of three serotests for the detection of pseudorabies antibodies in pigs

Véronique Marius-Jestin, Martine Cherbonnel, J. P. Picault, G. Bennejean avec le collaboration technique de Y. Morin, L. Le Coq et Annie Le Bachelier	173	Isolement chez des canards mulards d'une souche hypervirulente de virus de la Peste du canard et d'un Paramyxovirus aviaire de type 6
Soufiane Djilali, Henri-Jean Boulouis et Xavier Montagutelli	187	Les marqueurs lymphocytaires chez les animaux domestiques—I. Lectines mitogènes et lectines non mitogènes
Raili Tanskanen	205	Growth and interaction of *Mycoplasma bovirhinis* and *Mycoplasma dispar in vitro*
George E. Keller III, Daniel M. Lewis and Stephen A. Olenchock	219	Demonstration of inflammatory cell population changes in rat lungs in response to intratracheal instillation of spring wheat dust using lung enzymatic digestion and centrifugal elutriation
K. M. Charlton, G. A. Casey and J. B. Campbell	227	Experimental rabies in skunks: immune response and salivary gland infection